Hot Shot's Secret Diesel Extreme

SDS Number: HSSDE

Revision Date: 11/19/2018

1 PRODUCT AND COMPANY IDENTIFICATION

Vendor
Lubrication Specialties, Inc.
3975 Morrow Meadows Dr
Mt. Gilead, OH 43338
Phone: 1-800-341-6516
Emergency: 1-800-424-9300 (Chemtrec)

Product Identifier: Hot Shot's Secret Diesel Extreme
Synonyms: DE
SDS Number: HSSDE
Product Code: HSSDE
Revision Date: 11/19/2018
CAS Number: Blend

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 4
Health, Acute toxicity, 4 Oral
Health, Acute toxicity, 4 Dermal
Health, Acute toxicity, 4 Inhalation
Health, Specific target organ toxicity - Single exposure, 3
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Skin corrosion/irritation, 2
Health, Carcinogenicity, 2
Health, Aspiration hazard, 1
Environmental, Hazards to the aquatic environment - Chronic, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:

GHS Hazard Statements:

H227 - Combustible liquid
H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H319 - Causes serious eye irritation
H315 - Causes skin irritation
H351 - Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
H304 - May be fatal if swallowed and enters airways
H411 - Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P243 - Take action to prevent static discharges.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280b - Wear protective gloves/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.
P308+313 - IF exposed or concerned: Get medical advice/attention.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

When heated above 100 C (212 F) may undergo a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature.

VAPOR MAY CAUSE FLASH FIRE

3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:

CAS#	%	Chemical Name:
27247-96-7	49%	2-Ethylhexyl nitrate
64742-47-8	34%	Distillates, petroleum, hydrotreated light
64742-94-5	2-5%	Solvent naphtha, petroleum, heavy aromatic
34590-94-8	3%	Dipropylene glycol methyl ether
TradeSecret	<2%	Long chain alkenyl heterocycle (proprietary)
95-63-6	<2%	1,2,4-Trimethylbenzene
1330-20-7	<1%	Xylene
64742-95-6	<1%	Solvent naphtha, petroleum, light aromatic
108-67-8	<1%	1,3,5-Trimethylbenzene
100-41-4	<1%	Ethylbenzene
98-82-8	<1%	Cumene
91-20-3	<1%	Naphthalene
84605-20-9	<1%	Amine compounds
526-73-8	<1%	1,2,3-Trimethylbenzene
103-65-1	<1%	n-Propyl benzene

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.
Eye Contact: Flush with water for several minutes. If effects occur, consult a physician.
Ingestion: Rinse mouth with water and drink 2-4 cups of water. Get immediate medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: >70 C (>158 F)

Use dry powder, foam, or carbon dioxide fire extinguishers.
Water may be ineffective unless used by experienced fire fighters.

When heated above 100 C (212 F) may undergo a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature. Spray storage vessels with water to maintain temperature below 100 C (212 F).

VAPOR MAY CAUSE FLASH FIRE. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6 ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition - Heat, sparks, flame, and electricity
Contain spilled material.
Collect in suitable and properly labeled containers.
Pick up excess with inert absorbant material
Keep away from drains and ground water.

7 HANDLING AND STORAGE

Handling Precautions:

Avoid contact with eyes, skin, or clothing.
Keep away from sources of ignition.
Handle with care and avoid spillage on the floor (slippage).
Ground and bond containers when transferring material

When heated above 100 C (212 F) may undergo a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature. See SDS for more details.

Storage Requirements:

Keep away from sources of ignition.
Store in a tightly closed container

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment: Use of safety glasses and gloves is recommended.

Exposure Guidelines:

1,2,4-Trimethylbenzene
ACGIH TWA: 25 ppm
Naphthalene
OSHA TWA: 10 ppm, 50 mg/m^3
1,3,5-Trimethylbenzene
ACGIH TWA: 25 ppm
Dipropylene glycol methyl ether
OSHA PEL: 100 ppm

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber		
Physical State:	Liquid	**Odor:**	Hydrocarbon-like
Spec Grav./Density:	0.89 at 60 F (Water = 1)	**Solubility:**	Nil in water
Viscosity:	Not available	**Flash Point:**	>70 C (>158 F)
Boiling Point:	Not available	**Vapor Density:**	Not available
Partition Coefficient:	Not available	**Bulk Density:**	7.40 lbs/gal
Vapor Pressure:	Not available		
pH:	Not available		

Evap. Rate: Not available
Decomp Temp: Not available

10 STABILITY AND REACTIVITY

Chemical Stability: May be unstable at temperatures greater than 100 C (212 F)
Conditions to Avoid: High temperatures above 50 C (122 F), sparks, and open flame.
Materials to Avoid: Avoid strong oxidizing agents. May burn or react violently to flourine/oxygen mixtures.
Hazardous Decomposition: Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity
1,2,4-Trimethylbenzene
LD50 Dermal Rabbit 3160 mg/kg
LD50 Oral Rat 5000 mg/kg
LD50 Oral Rat 3400 to 6000 mg/kg
LC50 Inhalation, Vapor, Rat 18000 mg/m³ 4 hours

Naphthalene
LD50 Dermal Rat >2500 mg/kg
LD50 Oral Rat 2600 mg/kg
LC50 Inhalation, Gas, Rat >100 ppm 8 hours

Sensitization None known.
Germ Cell Mutagenicity None known.
Carcinogenicity Naphthalene, IARC 2B
Reproductive toxicity None known.
Specific target organ systemic toxicity (repeated exposure) None known.

12 ECOLOGICAL INFORMATION

Avoid exposing to the environment.
Toxic to aquatic organisms.
May cause long term adverse effects in the aquatic environment. Based on calculations.
This product contains components which may be persistent in the environment.

Ecotoxicity
2-Ethylhexyl Nitrate:
Trout 24 Hours 145 mg/l
Trout 48 Hours 116 mg/l
Bluegill 96 Hours 4.5 mg/l
Bluegill 48 Hours 6.0 mg/l
Bluegill 72 Hours 5.4 mg/l

13 DISPOSAL CONSIDERATIONS

Dispose of waste material in accordance with all local, state/provincial, and national requirements.
Do not flush to surface water or drains.

14 TRANSPORT INFORMATION

NA1993, Combustible liquid, n.o.s., Combustible liquid, PGIII, (Contains 2-Ethylhexylnitrate, Petroleum Naphtha), (Marine pollutant)

Not regulated by US DOT in containers less than 119 gallons.

IMDG & IATA: UN3082, Environmentally Hazardous Substance, liquid, nos, (2-Ethylhexylnitrate, Petroleum Naphtha), 9, III. Marine pollutant.

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[49%] 2-Ethylhexyl nitrate (27247-96-7) TSCA

[34%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA

[2-5%] Solvent naphtha, petroleum, heavy arom. (64742-94-5) TSCA

[3%] Dipropylene glycol methyl ether (34590-94-8) MASS, OSHAWAC, PA, TSCA, TXAIR

[<2%] Trade Secret (******)

[<2%] 1,2,4-Trimethylbenzene (95-63-6) MASS, NJHS, PA, SARA313, TSCA, TXAIR

[<1%] RQ(100LBS), Xylene (1330-20-7) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[<1%] Solvent naphtha, petroleum, light arom. (64742-95-6) TSCA

[<1%] 1,3,5-Trimethylbenzene (108-67-8) MASS, TSCA

[<1%] Ethylbenzene (100-41-4) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TSCA, TXAIR

[<1%] RQ(5000LBS), Cumene (98-82-8) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[<1%] RQ(100LBS), Naphthalene (91-20-3) CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

[<1%] Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs. (84605-20-9) TSCA

[<1%] 1,2,3-Trimethylbenzene (526-73-8) TSCA, TXAIR

[<1%] n-Propyl benzene (103-65-1) MASS, PA, TSCA

WARNING This product can expose you to chemicals including Ethylbenzene, Cumene and Naphthalene, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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Regulatory Code Legend
-----------------------------------------------------------------
RQ = Reportable Quantity
TSCA = Toxic Substances Control Act
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
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PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level
NJHS = NJ Right-to-Know Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXHWL = TX Hazardous Waste List
PRIPOL = Clean Water Act Priority Pollutants
PROP65 = CA Prop 65
TOXICPOL = Clean Water Act Toxic Pollutants
GADSL = Global Automotive Declarable Substance List (GADSL)

16 OTHER INFORMATION

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